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MAR 29 2012

PUBLIC SERVICE
COMMISSION

March 28, 2012

Director of Engineering
Public Service Commission
P.O. Box 615
Frankfort, Kentucky 40602

RE: Administrative Case No. 2006-00494

With this letter Kenergy is filing its annual reliability reports as described in the October 26, 2007 order.

If you have further questions, please feel free to call.

Sincerely,

A handwritten signature in black ink that reads "Ken Stock". The signature is written in a cursive, slightly slanted style.

Ken Stock
Vice President of Operations

Enclosures

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	1.1	Kenergy Corp
REPORT PREPARED BY	1.2	Robert Hayden
E-MAIL ADDRESS OF PREPARER	1.3	rhayden@kenergycorp.com
PHONE NUMBER OF PREPARER	1.4	800-844-4832

SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT	2.1	2011
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SECTION 3: MAJOR EVENT DAYS

T_{MED}	3.1	20.9265
FIRST DATE USED TO DETERMINE T_{MED}	3.2	1/1/2007
LAST DATE USED TO DETERMINE T_{MED}	3.3	12/31/2011
NUMBER OF MED IN REPORT YEAR	3.4	2

NOTE: Per IEEE 1366 T_{MED} should be calculated using the daily SAIDI values for the five prior years. If five years of data are not available, then utilities should use what is available until five years are accumulated.

SECTION 4: SYSTEM RELIABILITY RESULTS

Excluding MED

SAIDI	4.1	146.487
SAIFI	4.2	1.7405
CAIDI	4.3	84.1664

Including MED (Optional)

SAIDI	4.4	222.167
SAIFI	4.5	2.1207
CAIDI	4.6	104.764

Notes:

- 1) All duration indices (SAIDI, CAIDI) are to be reported in units of minutes.
 - 2) Reports are due on the first business day of April of each year
 - 3) Reports cover the calendar year ending in the December before the reports are due.
 - 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, CAIDI, and T_{MED}
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Electric Distribution Utility Annual Reliability Report

SECTION 5: OUTAGE CAUSE CATEGORIES

Excluding MED

CAUSE CODE DESCRIPTION		SAIDI VALUE
170 Right Of Way all causes	5.1.1	27.00797
161 Pole Broken (wind)	5.1.2	17.60341
162 Pole Broken (public)	5.1.3	10.97803
137 Equipment Failure (overhead)	5.1.4	10.58743
143 Fuse Blown(M5-10 lightning)	5.1.5	9.5505
199 other cause	5.1.6	8.65324
190 Unknown	5.1.7	6.91113
103 Conductor Failure ACSR	5.1.8	5.87944
108 Big Rivers (power supply)	5.1.9	5.80468
167 Prearranged Maint.	5.1.10	4.66431

CAUSE CODE DESCRIPTION		SAIFI VALUE
108 Big Rivers (power supply)	5.2.1	0.25609
170 Right Of Way all causes	5.2.2	0.23532
199 other cause	5.2.3	0.15474
162 Pole Broken(public)	5.2.4	0.13079
137 Equipment Failure (overhead)	5.2.5	0.12436
143 Fuse Blown (M5-10 lightning)	5.2.6	0.0812
161 Pole Broken (wind)	5.2.7	0.0794
190 Unknown	5.2.8	0.07547
136 Combination Unit Failure	5.2.9	0.06281
103 Conductor Failure ACSR	5.2.10	0.06212

SECTION 6: WORST PERFORMING CIRCUITS

Excluding MED

CIRCUIT IDENTIFIER		SAIDI VALUE	MAJOR OUTAGE CATEGORY
066-02	6.1.1	1095.608	161 Pole Broken (wind)
063-01	6.1.2	730.363	193 No Cause Found (stormy conditions)
052-02	6.1.3	656.090	161 Pole Broken (wind)
066-01	6.1.4	634.857	161 Pole Broken (wind)
082-01	6.1.5	583.477	170 Right Of Way all causes
066-03	6.1.6	580.156	161 Pole Broken (wind)
069-02	6.1.7	547.321	167 Prearranged Maint.
028-03	6.1.8	546.176	170 Right Of Way all causes
084-04	6.1.9	510.405	195 Breaker Tripped Lightning
080-01	6.1.10	444.915	137 Equipment Failure (overhead)

CIRCUIT IDENTIFIER		SAIFI VALUE	MAJOR OUTAGE CATEGORY
081-02	6.2.1	6.106	108 Big Rivers (power supply)
033-04	6.2.2	5.947	135 Lightning Arrestor Failure
028-03	6.2.3	5.382	170 Right Of Way all causes
019-04	6.2.4	4.941	190 Unknown
082-01	6.2.5	4.903	170 Right Of Way all causes
066-01	6.2.6	4.443	161 Pole Broken (wind)
081-04	6.2.7	4.404	108 Big Rivers (power supply)
040-02	6.2.8	4.232	161 Pole Broken (wind)
066-03	6.2.9	4.228	161 Pole Broken (wind)
080-01	6.2.10	4.221	103 Conductor Failure ACSR

